Course title: **Technology of novel polymeric materials**

Institute/Division: **FACULTY OF CHEMICAL ENGINEERING AND TECHNOLOGY** / Engineering of Technological Processes

Number of contact hours: 15 hours (15h seminars)
Course duration: 1 semester (fall)
ETCS credits: **2**

Course description: Introduction of basic definitions and information regarding polymeric materials. Oral presentations on synthesis, properties and application of selected polymeric materials including solid and porous polymers, materials with specific properties for special applications.
Seminar content: A general introduction to polymers, basic terminology and definitions, their classification and applications / Oral presentations on synthesis, properties and application of selected polymeric materials including solid and porous polymers, materials with specific properties for special applications.

Literature: Cowie J.M.G., Arrighi V. — Polymers: Chemistry and Physics of Modern Materials, USA, 2008, CRC Press

Assessment method: Final test / presentation
Prerequisites: Basics on general and organic chemistry
Primary target group: All students

Lecturer: A.Prociak, Prof. PK.
Contact person: A.Prociak, Prof. PK., e-mail: aleksander.prociak@pk.edu.pl

Deadline for application: 15th of January
Remarks: Selectable course